



#2

IN THE
UNITED STATES
PATENT AND TRADEMARK OFFICE

IN RE
APPLICATION OF:

Peter Robert Raffaele et al.

CASE

2011142

INFORMATION DISCLOSURE
STATEMENT UNDER
37C.F.R. §1.97(b)

SERIAL NO:

09/937,740

FILED ON:

April 3, 2000

FOR:

RECIPROCATING FLUID
MACHINES

RECEIVED

AUG - 5 2002

TECHNOLOGY CENTER R3700

COMMISSIONER
FOR PATENTS
WASHINGTON, DC 20231

ATTENTION OF

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 04-1030.

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants submit the following information of which Applicant is aware to the United States Patent and Trademark Office for consideration in the above-captioned patent application:

<u>PATENT NO.</u>	<u>ISSUE DATE</u>	<u>INVENTOR</u>
1,349,660	August 17, 1920	Buhl
1,987,661	April 6, 1934	Blauvelt et al.
3,258,992	July 5, 1966	Hittell
4,013,048	March 22, 1977	Reitz

LAW OFFICES OF
DICK AND HARRIS
181 WEST MADISON STREET
SUITE 3800
CHICAGO, ILLINOIS 60602
(312) 726-4000

Richard E. Dick
Richard D. Harris
Howard E. Silverman
John S. Pacocha
Douglas B. Teaney

27778
27898
32492
25197
33459

Herbert H. Finn
James K. Cleland
Brad R. Bertoglio
Jeffrey P. Dunning

38139
44619
47422
50686

4,124,002	November 7, 1978	Crise
4,173,151	November 6, 1979	Grundy
4,184,817	January 22, 1980	Pareja
4,331,108	May 25, 1982	Collins
4,584,972	April 29, 1986	Jayne et al.
4,598,672	July 8, 1986	Jayne et al.
4,694,785	September 22, 1987	Timmerman et al.
4,715,336	December 29, 1987	Schindler et al.
4,727,794	March 1, 1988	Kmicikiewicz
4,738,230	April 19, 1988	Johnson
4,751,871	June 21, 1988	Burghardt et al.
4,776,310	October 11, 1988	Gray
4,791,898	December 20, 1988	Jayne
4,825,820	May 2, 1989	Morgan
5,327,863	July 12, 1994	Downton et al.
5,402,755	April 4, 1995	Waissi
5,431,130	July 11, 1995	Brackett
5,503,038	April 2, 1996	Aquino et al.
5,755,192	May 26, 1998	Brevick
5,791,302	August 11, 1998	Ma
5,873,339	February 23, 1999	Isogai

LAW OFFICES OF
DICK AND HARRIS
 181 WEST MADISON STREET
 SUITE 3800
 CHICAGO, ILLINOIS 60602
 (312) 726-4000

Richard E. Dick
 Richard D. Harris
 Howard E. Silverman
 John S. Pacocha
 Douglas B. Teaney

27778
 27898
 32492
 25197
 33459

Herbert H. Finn
 James K. Cleland
 Brad R. Bertoglio
 Jeffrey P. Dunning

38139
 44619
 47422
 50686

<u>COUNTRY/ REFERENCE NO.</u>	<u>PUBLICATION DATE</u>	<u>INVENTOR</u>
UK 200,704	July 19, 1923	Briggs
AU 678,677	September 3, 1952	Femons
DT 2361228	June 16, 1975	Niesig
FR 2438746	May 9, 1980	Marandeau
EP 0187930	July 23, 1986	Ficht
SU 1281700	January 7, 1987	Melikov
EP 0241243	October 14, 1987	Valentine
DE 3624753	October 15, 1987	Schmidt
WO/90/06426	June 14, 1990	Valentine
DE 4408646	September 22, 1994	Panagiotis et al.
DE 19500854	January 21, 1994	Seidl
WO 97/36096	October 2, 1997	Condamin
DE 19725227	January 2, 1998	Ludanek
JP 10054255	February 24, 1998	Isoya
JP 10331940	December 15, 1998	Aishin Kiko KK
WO 01/50037	July 12, 2001	Klava et al.

OTHER DOCUMENTS

- Article: *CKE's Radial Engine*, based on Kmicikiewicz U.S. Patent 4,727,794, printed from internet web page at <http://www.cke-tech.com.RE.htm> and *Dwg SK-076, Kinematics and Dynamics of CKE's Radial Engine compared to conventional*

LAW OFFICES OF
DICK AND HARRIS
 181 WEST MADISON STREET
 SUITE 3800
 CHICAGO, ILLINOIS 60602
 (312) 726-4000

Richard E. Dick
 Richard D. Harris
 Howard E. Silverman
 John S. Pacocha
 Douglas B. Teaney

27778
 27898
 32492
 25197
 33459

Herbert H. Finn
 James K. Cleland
 Brad R. Bertoglio
 Jeffrey P. Dunning

38139
 44619
 47422
 50686

mechanisms con Scotch-Yoke, based on Kmicikiewicz U.S. Patent 4,727,794,
printed from internet web page at <http://www.cke-tech.com.SK-076.htm>.

2. Article: *The Collins Scotch Yoke Engine as a Compac[t] Alternative - A Theoretical Comparison o[f] Features of Scotch Yoke and Conventional Engine[s]*, Hans G. Rosenkra[nz] CMC Research Pty. and Harry C. Wats[on] University of Melbourne; probable date of publication between August 1994 and April 4, 1995, in view of information and acknowledgement.
3. *Some Unusual Engines*, pp. 124-127, by L.J.K. Setright, published in 1975 by Mechanical Engineering Publications Limited (ISBN 0852982089).

Should anything further be required, a telephone call to the undersigned at (312) 726-4000 is respectfully requested.

Respectfully submitted,

LAW OFFICES OF DICK AND HARRIS



John S. Pacocha

Dated: May 31, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid in an envelope addressed to:
Commissioner for Patents, Washington, D.C. 20231



Dated: May 31, 2002

LAW OFFICES OF
DICK AND HARRIS
181 WEST MADISON STREET
SUITE 3800
CHICAGO, ILLINOIS 60602
(312) 726-4000

Richard E. Dick 27778
Richard D. Harris 27898
Howard E. Silverman 32492
John S. Pacocha 25197
Douglas B. Teaney 33459

Herbert H. Finn 38139
James K. Cleland 44619
Brad R. Bertoglio 47422
Jeffrey P. Dunning 50686